

Figure 1. Mouse Klf4 DNA sequence (SEQ ID NO: 1)

1 gacgccaaga gagcgagcgc ggctccgggc ggcggggag cagaggcggt ggcggggcgc
61 gggggcaccc ggagccgccc agtgccttc cccgccttc cagccccca cccaggaacc
121 cggccgtgad ccgcgcctat ggcgcgcgc acccggtaca gtccccagga ctccgcaccc
181 cgcgccaccg tccagctcgc agtccgcgc caccgcggcc attctcacct ggcggcgccg
241 cccgcccaccg cccggaccac agcccccgcg ccgcccgcacag ccacagtggc cgccacaacg
301 gttggggaca ctgctgagtc caagagcggt cagccgtggcc atcgaccta ctatctgccc
361 ttgctgattt tctatTTTA taagagtta caacttttct aagaatTTT gtatacaaag
421 gaactttttt taaagacatc gcccgtttat attgaatcca aagaagaagg attcgggca
481 atctgggggt tttggtttga gttttgttt ctAAAGTTT taatcttcgt tgactttggg
541 gctcaggtaac ccctcttc tcttcggact ccggaggacc ttctggccc ccacattaat
601 gaggcagcca cctggcgagt ctgacatggc tgcagcgtac gctctgtcc cgtccttc
661 cacgttcgcg tccggccccc cgggaaggga aagacactg cgtccagcag gtgcggcc
721 taaccgttgg cgtgaggaac tcttcacat gaagcgacctt ccccaacttc cccggccgccc
781 ctacgacccg gggcgacgg tggccacaga cctggagaatg ggcggagctg gtgcagctg
841 cagcagtaac aacccggccc tccttagcccg gagggagacc gaggagttca acgacccct
901 ggacctagac ttatccctt ccaactcgct aacccaccag gaatcggtgg cgcgcacccgt
961 gaccaccccg ggcgcagttt catccctcgcc ttccggccg agcgcggcc ctggccagcgc
1021 gccctccacc tgcagctca gctatcccgat ccggggccgg ggtgacccgg ggtggctgc
1081 ctagaaacaca ggtggagggc tcctctacag ccggaaatct ggcacccatc ccacggcccc
1141 ctcaaccctg ggggacatca atgacgttag cccctcgcc ggcttcgtgg ctgagctc
1201 gggccggag ttggaccctg tatacattcc gcccacagcag cctcagccgc caggtgggg
1261 gctgatgggc aagtttgtc tgaaggcgtc tctqaccacc cctggcagcag agtacagcag
1321 cccttcggtc atcagtgtt a gcaaggaaag cccagacggc agccaccccg tggtagtgcc
1381 gcctacagc ggtggcccg cgcgcattgtg ccccaagatt aagcaagagg cggtcccg
1441 ctgcacccgtc agccgggtccc tagaggccca tttgagcgtt ggaccccgcc tcagcaaccc
1501 ccacccggccc aacacacacg acttccccc gggccggcag ctcccccacca ggactacccc
1561 tacactgagt cccgaggaaac tgctgaacag cagggactgt caccctggcc tgcccttcc
1621 cccaggattt catcccccattt cggggggccaa ctaccctctt ttccctggccag accagatgc
1681 gtcacaaggc ccctcttcattatcaaga gtcatgcac cccgggttcctt ggctggccaga
1741 ggagcccaag ccaaagaggga gaagaagggtc gtggcccccgg aaaaacac ccacccacac
1801 ttgtgactat gcaggctgtg gcaaaaccta taccacaaatgt tctcatctca aggacacac
1861 gcaactcacc acaggcgaga aacccatcca ctgtgactgg gacggctgtg ggtggaaatt
1921 cggccgctcc gatgaactga ccaggcacta ccggaaacac acaggccacc ggccctttca
1981 gtgccagaag tgtgacaggg cctttccag gtcggaccac cttgccttac acatgaagag
2041 gcactttaa atcccacgtt gtggatgtga cccacactgc caggagagag agttcagtt
2101 tttttttctt aacccttcac actgtttcc caccggggga ggagcccgcc tggcaagcgc
2161 tacaatcatg gtcaaggatcc cagaactca gcttgcataat ggataatcag gagaaggaa
2221 gagtccaaga gacaaaacacg aaataactaaa aacaaacaaa caaaaaaaca aaaaaaaaaa
2281 ccaagaaaaaa aaaatccacg aacagatggg gtctgataact ggtggatct tctatcattc
2341 caataccaaa tccaaacttgc acatggccgg acttacaaa tgccaaagggg tgactggaa
2401 tttgtggata tcagggtata cactaaatca gtgagcttgg ggggaggggaa gaccaggatt
2461 cccttgcattt gtgttcgtat gatgcataac acacgtaaag atcaccctgt atgcttttgc
2521 cccctttaaaa aaaaaaaaaa cattattgtg tcggaggaag aggaagcgat tcaggatc
2581 aacatgttctt aacagcctaa atgatggtgc ttggtgagtt gtggcttaa aggtacccaa
2641 cggggggagcc aaagttctcc aactgctgc tacttttgc aaggaaaatc tagttttgtc
2701 ttccgcattt cattgtatgc ctaagccagg taaataagcc tggtttattt ctgtacatt
2761 ttatgtcaga cagtctgttgc tgcactgtgg ttccagatgt gcaataatTTT gtacaatgg
2821 ttatcccaa gtatgcctt aacccaaacaa aatgtgttt tctatataatgt tccttgcc
2881 aataaaatataat ttaacccaa

Figure 2. DNA sequence for Human GK1f4 (SEQ ID NO: 2)

1tcggaggcgac cgccgacatgt gtgggggacg ctgctgagtg gaagagagcg cagccccggcc
61 accggacccta cttaactcgcc ttgctgattt totatttttt cgtttacaac ttttctaaga
121 acttttgtat acaaaggAAC tttttaaaaa agacgcttcc aagtataatt taatccaaAG
181 aagaaggatc tcggccaatt tggggtttt ggttttggt tcgttcttc tcttcgttga
241 cttgggggtt caggtgcggcc agctgtttcg ggctgcccgg gaccctctgg gccccccacat
301 taatgaggca gcccacccggc gagttctgaca tggctgttag cgacgcgtc ctccccatctt
361 tctccacgtt cgcgtctggc ccggccggaa gggagaagac actgcgtca aagggggcc
421 cgaataaccg ctggccggag gagctctccc acatagaagcg acttccccc gtcgttcccg
481 gcccggccctt tgacactggcg gcccggaccc tggccacaga cttggagagc ggcggagcc
541 gtggggcttg cggcggtac aacctggcgcc ccctacactcg gagagagacc gaggagttca
601 acgatctctt ggacctggac tttattctct ccaattcgct gaccatctt ccggagtcag
661 tggccggccac cgtgtctcg tcagcgtag cctctcttc gtcgtccgg tcgagcagcg
721 gcctgtccag cgcggccctcc acctgcagct tcaccttatcc gatccggcc ggaacgacc
781 cggggcgtggc gcccggccggc acggggcggag gcccggccctata tggcagggag tccgctcccc
841 ctccgacggc tcccttcaac ctggcgacca tcaacgcgt gaggccctcg ggcggcttcg
901 tggcccgatc cctggccggca gaattggacc cgggtgtacat tccggcccgag cagccggcagc
961 cggccagggtgg cggggctgtat ggcacggatcg tgcgtgaaaggc gtcgtgtgac gcccctggca
1021 ggcgatgtacgg cagccctcg gtcacatcgac tcagccaaagg cagccctcgac ggcagccacc
1081 cgggtgtgtt ggcggccctac aacggggggc cggccgcac gtgcggccaaatcagg
1141 agggcggttc ttgcgtcacc cacttggggcgtt ccggggccctt tctcagcaat ggcacccggc
1201 cggctgcaca cgactttttcc ctggggccggc agctcccccag caggactacc ccgaccctgg
1261 gtcttgagga atgtgtgtac aqcaaggact gtcacccctgc cctggcgctt cttccggct
1321 tccatccccca cccggggccccc aattacccat ctttcctgac cgatcatcgat cagccgcaag
1381 tcccgccgctt ccattaccaa gagctcatgc caccgggttc ctgcatgcca gaggagccca
1441 agccaaagag gggaaagacga tcgtggccccc gggaaaaggac cgcacccac acttgtgatt
1501 acggggctgt cggccaaaacc tacacaaaga gttcccatct caaggcacac ctgcgaaccc
1561 acacagggtga gaaacccatc cactgtgact gggacggctg tggatggaaa ttgcggccgt
1621 cagatgaact gaccaggcgc tacctgttttcc aacacggggca cccggccgttc cagtgccaaa
1681 aatgcgaccg agcattttcc aggtcgacc accttcggccctt acatcgaaag aggcatttt
1741 aaatccccaga cagtggatgac gaccacact gcccaagag aattcgtat ttttatctt
1801 tcaactactgtc ttcccgatga gggaaaggagc ccacggccagaa agcactacaa tcatggtaa
1861 gtcccaact gagtcatctt gtgagtgat aatcaggaaaa aatgaggaat cccaaagaca
1921 aaaatcaaag aacagatggg gtctgtgact ggtatcttca tcattccaaat tctaaatccg
1981 acttgaatat tcctggactt acaaaaatgcc aagggggtga ctggaaatgg tggatatcg
2041 ggtataaaatt atatccgtga gttggggggag ggaagaccag aattccctt aatttgttat
2101 tgatgcaata taagcataaa agatcacctt gtattctctt taccttctaa aagccattat
2161 tatgtatgtta gaagaagagg aagaaattca ggtacagaaaa acatgtttaa atagcctaa
2221 tgatgtgtgtt tggtgagtttctt ggttcttccaa ggtacccaaac aagggggccca aagttttca
2281 actgcgtcat actttgacaa gggaaaatctt tattttgttcc cgcgtcaaca ttatgtaccc
2341 aagtccggatc atataacttgg tttacttctt tagcatttt atgcacccag ttcgttgc
2401 actgtgggtt cagatgtgc atataatttttttcaat ggttccaaat ttcggccatc tgccttca
2461 agaaacaaatg tggttttcttataatgttcc tgcctttaata aatatgtat ataattttaa
2521 gcaaaacgtctt atttttgtata tttttaaaact acaaaatgtat atgaaacattt ttttatctg
2581 gtatggatgtt tactcaaggt gagaattaag tttttaataaa acctataata ttttatctg

Figure 3

